

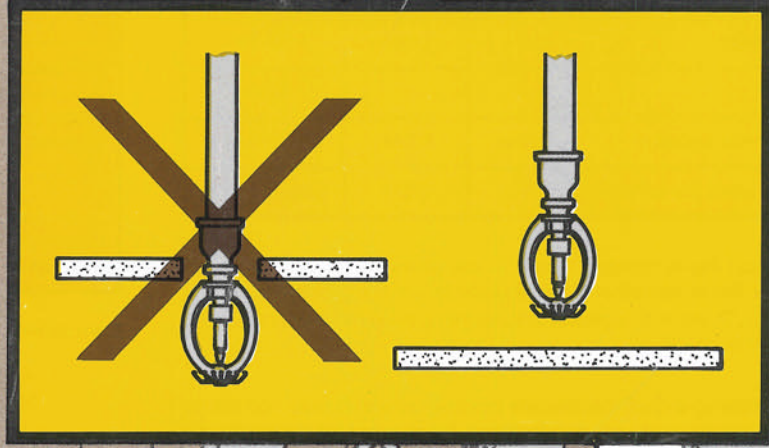
AVILITE

Suspend-a-Ceiling®

Factory Mutual approved drop-in ceiling panels...

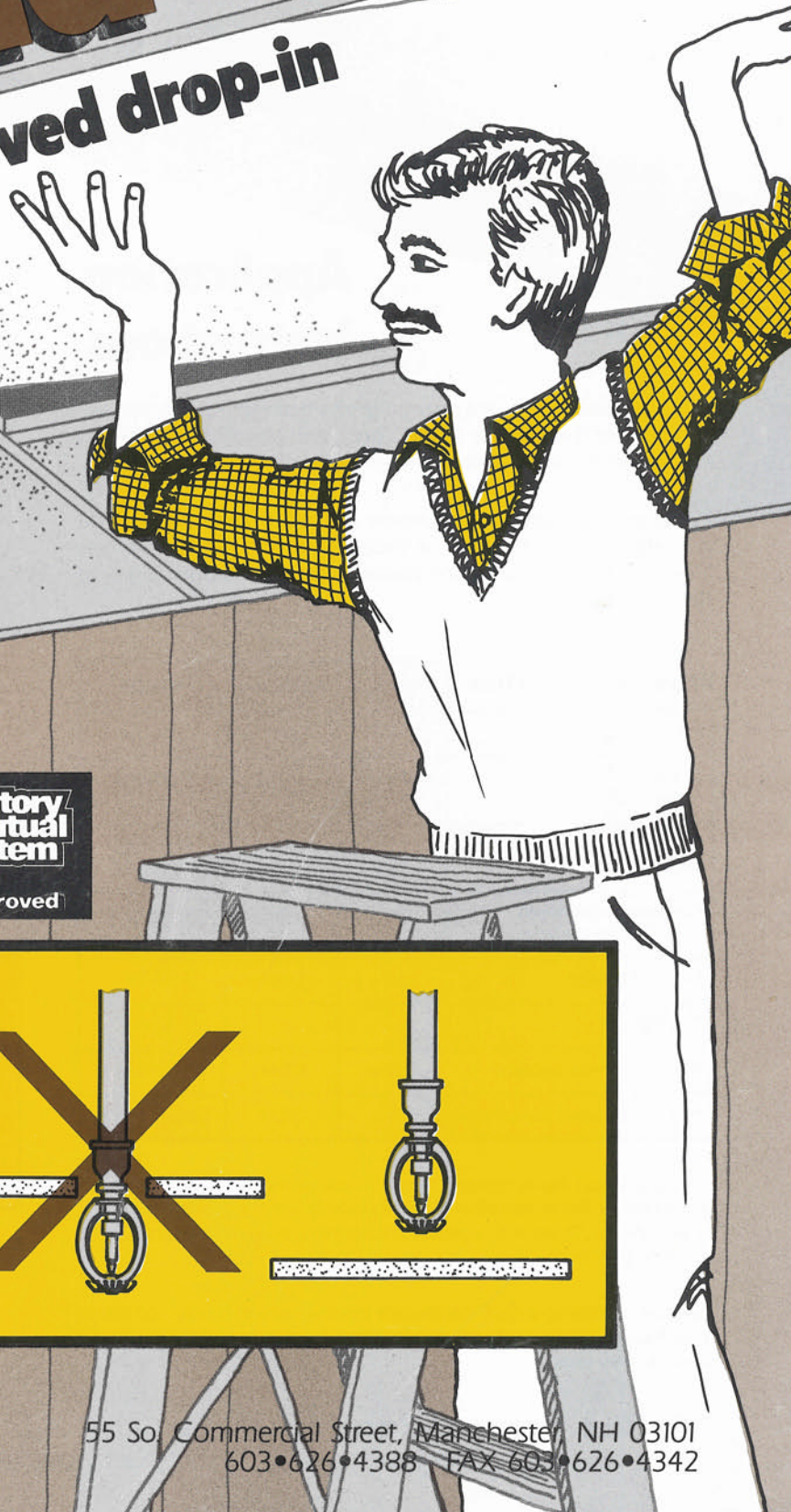
For Offices, Schools, Stores, Restaurants, Commercial and Industrial applications.

- Factory Mutual approved for installation beneath automatic sprinkler systems with no increase in fire hazard insurance premiums.
- Avoid added cost of sprinkler extensions and cutting holes in ceiling panels.
- Eliminate unsightly sprinkler heads extending below the ceiling.
- 100% waterproof panels not sag, rot, mildew, or warp—excellent where moisture is a problem!
- Washable—light weight—removable for easy cleaning.
- High light reflectivity.
- Available in 2' x 2', 2' x 4'.
- Attractive Stippled Finish.



Avilite Corporation

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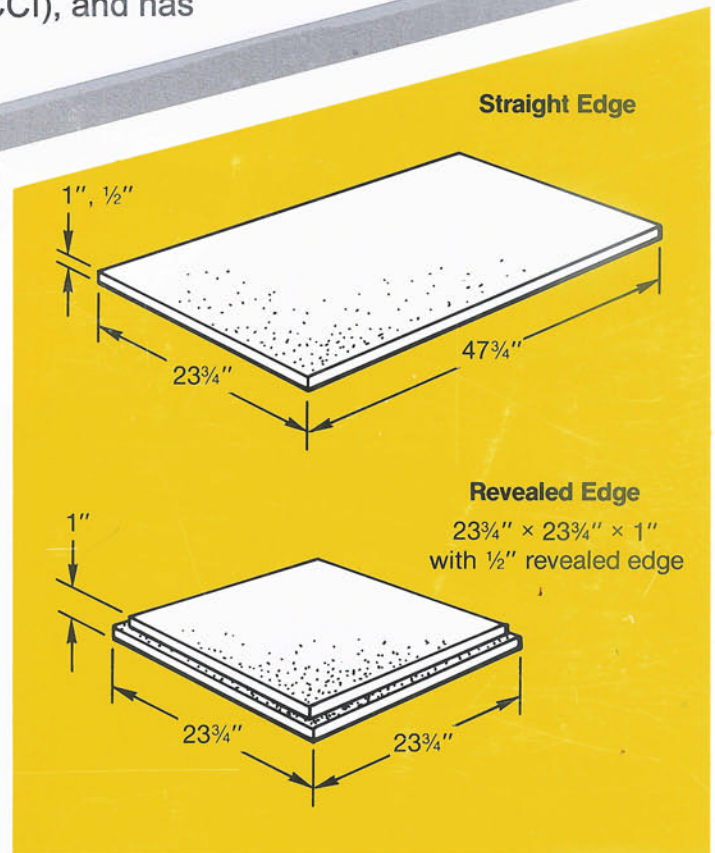


Suspend-a-Ceil' drop in ceiling panels..... manufactured from product that has been tested in accordance with ASTM E84/UL 723 to provide a flame rating of 5-15, well below the 25 rating required by most municipalities to qualify an interior finish as acceptable. Flame spread and smoke developed recorded while material remained in the original test position. Ignition of molten residue on the furnace floor resulted in flame travel equivalent to calculated flame spread classification of 135 and smoke developed classification of over 500. Suspend-a-Ceil' drop in panels meet Federal Specification HH-I-524C, Type I. This product conforms to the Uniform Building Code (ICBO); The Basic Building Code (BOCA); The Standard Building Code (SBCCI), and has F.H.A. acceptance.

Application Instructions

Clips, if used to prevent normal drafts from lifting the panels, should limit the upward motion only, and permit the panels to drop from the suspension system without restraint.

Painting or coating of the panels is not recommended since this may hinder the ease of drop-out in the event of a fire. However, if panels are to be painted, use only rubber or water (latex) based paints.



Physical Properties

	Units	ASTM test	Results
Flamespread*	—	E84	5-15
Coefficient of thermal expansion	in/(in)(F)	D696	0.000035
Maximum exposure temperature	°F °C	— —	up to 167 up to 75
Compressive strength at 10% deflection	psi	D1621	10-14
Flexural strength	psi	C203	25-30
Capillarity	—	—	none
Water vapor transmission	perm in	C344	1.2-3.0
Water absorption (by volume)	%	C272	Less than 2.5

*This numerical Flame Spread Rating is not intended to reflect hazards presented by this or any other material under actual fire conditions.

The higher the R-value, the greater the insulating power. Ask your seller for the fact sheet on R-values.

Caution: Suspend-a-Ceil' panels are combustible and may constitute a fire hazard if improperly used or installed. Keep away from open flame or excessive heat.

Packaging

	23 3/4" × 47 3/4" × 1" 23 3/4" × 23 3/4" × 1"	23 3/4" × 47 3/4" × 1/2" 23 3/4" × 23 3/4" × 1/2"
Unit packaging	96 square feet in a corrugated carton or a plastic bag	192 square feet in a corrugated carton or a plastic bag
Unit package size	24 1/2" × 48 1/2" × 12 1/2"	24 1/2" × 48 1/2" × 12 1/2"
Pieces per unit package	23 3/4" × 47 3/4" — 12 pieces 23 3/4" × 23 3/4" — 24 pieces	23 3/4" × 23 3/4" — 48 pieces 23 3/4" × 47 3/4" — 24 pieces
Weight per unit package	9.0 lbs.	9.0 lbs.

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